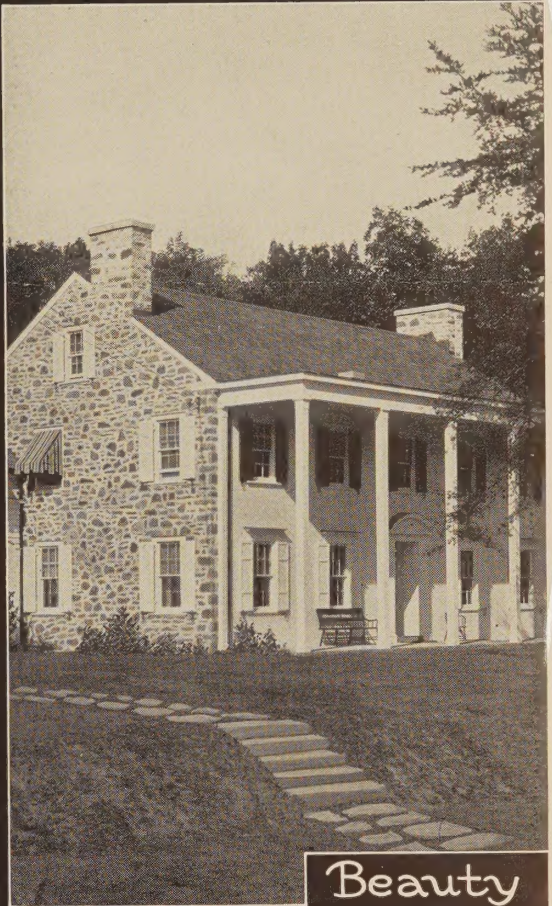


ROLSCREENS OF PELLA



*For All Types
of*
WINDOWS

ROLSCREEN CO.
PELLA, IOWA



The window is beautiful, and the screen is convenient—because it's Rolscreened. A touch of the fingers, and it is up and out of the way, stored for a day or a season.

ECONOMICAL—

ROLSCREENS for Colonial Windows

"Rolscreened! What a relief not to have screens to bother with!" Her words—but they were her husband's, too.

Rolscreens roll up and down like a window shade—there when you want them, out of the way on a hidden roller when you don't. They eliminate all of the bother of old-fashioned, unsightly wide framed flat type screens which are always over the window, cutting out 20% of the light and ventilating area, and spoiling the beauty of your windows and drapes. No more taking down for storage, no stacking them into disheveled piles in the basement, no more dragging them out in the spring and unscrambling them to fit them into windows that are just too narrow or just too short. No more painting and repairing! No fingers bruised or tempers tried in removing screens for window washing.

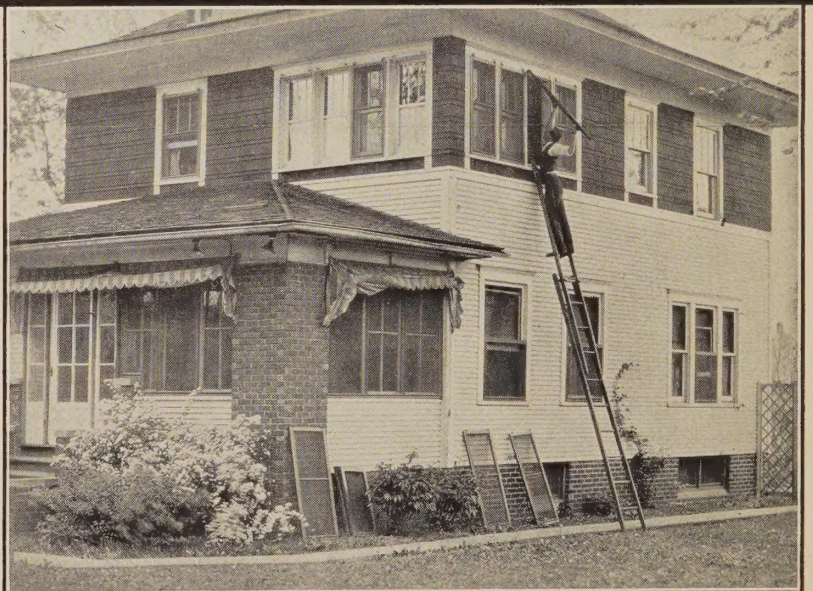
All these conveniences and many more are yours if you have Rolscreens. And of course, they can be quickly installed with any type of window, Colonial or Casement, old or new construction.

Rolscreens are economical, too! Considering the saving in labor of removing, painting and repairing, and the saving in window washing time, Rolscreens are the most economical screens you can buy. Besides—Rolscreens are guaranteed for ten years.

ROLSCREENS ELIMINATE THIS NUISANCE



This Method of Window Screening is out! Flat frame screens are unsightly and a year 'round nuisance—a relic of former days.



Whether you balance on a ladder, or hang yourself out of a second floor window, it requires real "technique" to put up flat frame screens. What a contrast to Rolscreens—snugly tucked away in the head of each window.

EASY TO INSTALL

ROLSCREENS for Casement Windows

Modern convenience demands Rolscreens with casements. They add beauty to your windows, they do not interfere with elaborate draping effects, they do not soil, tear or muss delicate curtains.

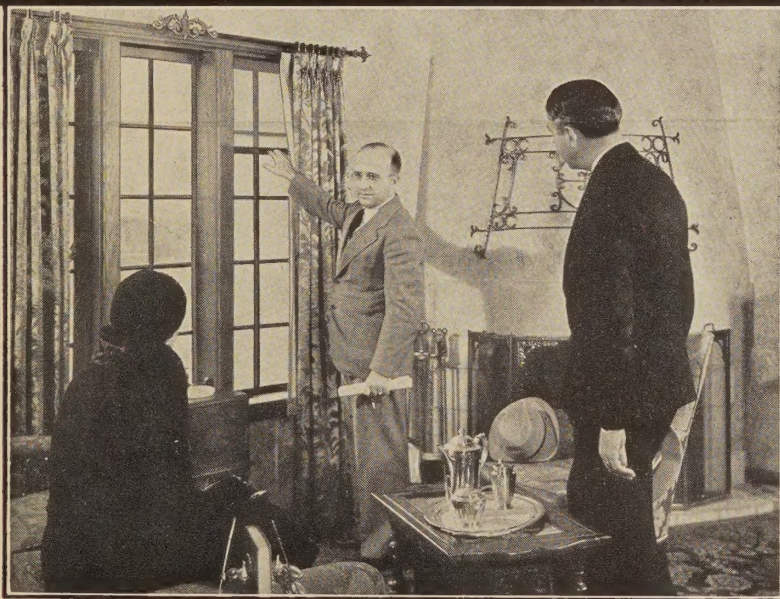
Rolscreens are permanent. The fifteen exclusive patented features incorporated in their construction, which make them so durable and rigid that we guarantee them for ten years, can only be had in Rolscreens of Pella. These patented features make Rolscreens thoroughly insect tight. The lugs fastened in the edges of the wire cloth, which slide in the guides, lock the wire in at the sides, therefore, no gaping edges, no sagging or bagging. An accidental blow merely disengages these lugs from the guides and rolling up the screen automatically replaces them.

The patented floating roller eliminates the dragging and wearing of wire cloth on the screen casing. Special patented features permit the screens to adjust themselves to swelling or shrinking of the woodwork, insuring free and easy operation. The pleasing clear-vision "AluminA" wire cloth, reinforced with triple selvages, is manufactured especially for Rolscreens and will far outlive their ten-year guarantee. Look for all of these features—you will find them only in Rolscreens of Pella.



So simple, and easy to operate! Rolscreens add to the smart slender lines of Casement Windows—they make the draping of casements easy.

A SOURCE OF PRIDE AND CONVENIENCE



The best evidence we can offer of the satisfactory service Rolscreens are giving is the repeated endorsement of Rolscreens by architects to their clients and by thousands of owners everywhere. A million Rolscreens in use.



Frame screens installed with casements are always in the way for access to awnings, flower boxes and for washing windows.

ROLSCREEN CONSTRUCTION

In its engineering activities the Rolscreen Company has always held to the fundamental principles that ROLSCREENS must be easy to operate and easy to install, and of such rigid and durable construction that they will give many years of trouble-proof service under most strenuous conditions. Those features which have made ROLSCREENS a really practical rolling window screen and have led to their adoption by thousands of owners, builders and architects all over the world, are exclusive and patented.

ROLSCREENS are built in standard stock sizes to fit all openings from 10" to 61" wide, and up to 120" high, and are carried in stock ready for immediate shipment.

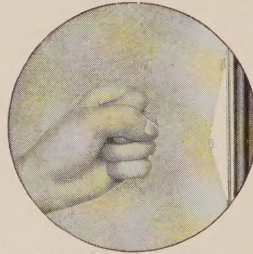
ROLSCREEN FEATURES—GUIDES

(Numerals refer to features pointed out in cut-away illustration of Rolscreen Construction.)

The Rolscreen guides (1) grip lugs (2) fastened in the selvages of the screen wire and prevent its sagging and bagging. Slotted holes in the attaching flanges allow the guides to adjust themselves in case of swelling or shrinking of the woodwork. Blocks on the ends of the operating bar (8) are frictionally engaged in the guides. This frictional engagement prevents the cross bar tilting and regulates the action of the screen preventing its flying to the top when released. When installing Rolcreens, the operating bar, as it is drawn through the guides, acts as a template and automatically adjusts the guides to the opening. Lips at the upper ends of the guides co-acting with the housing, assure accurate installation. The guides are very inconspicuous—the only part exposed being a bead the size of a pencil. A specially designed groove along the jaws of the guides prevents paint entering and binding the screens when redecorating them.

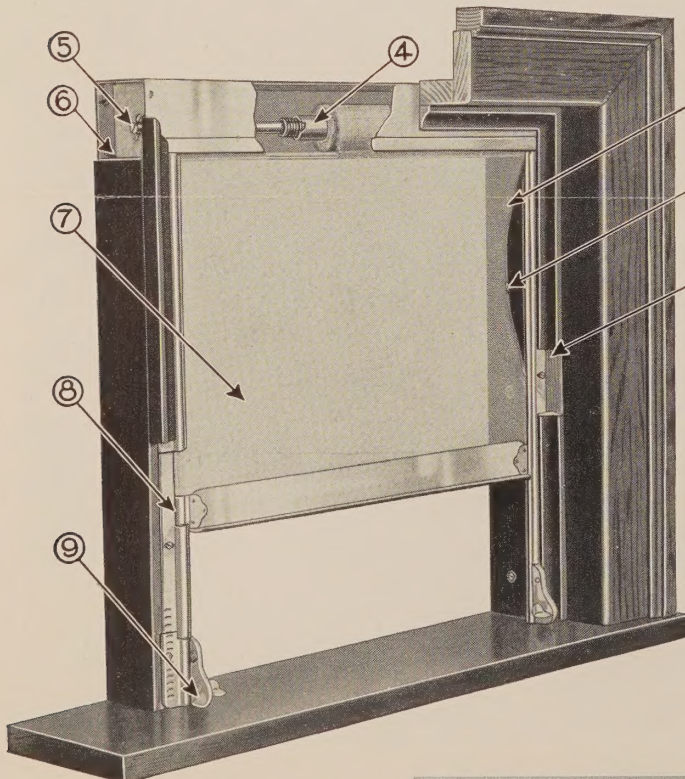
ROLSCREENS ARE INDESTRUCTIBLE

Rolcreens are built to stand up under hard service. If the screen wire receives a blow hard enough to tear or bag the ordinary screen, the lugs (2) in the selvages of the cloth are released from the guides (1) without injuring the wire. Upon pushing the entire released edge to the outside and raising the screen its full length, it will re-align itself by riding over the cut-away back side of the guide (3) and will be automatically re-entered and re-stretched when the screen is lowered.



THE ROLLER ASSEMBLY

The roller (4), onto which the screen wire is soldered, together with the spring inside, is built in the Rolscreen factory. The springs are coiled out of extra heavy oil-tempered wire on automatic machines. The entire assembly is very simple and durable and cannot give trouble.



THE HOUSING

The Rolscreen housing is electrically welded and of very sturdy construction. Recessed ends (6) reinforce it and make it rigid. The standard housing is 2 1/2" square. For openings less than 52" high, a 2 1/2" housing may be used. For openings over 84" high, a 2 7/8" housing must be used.

All of the metal parts of ROLSCREENS, the housing, guides, and operating bar, are constructed of lead-coated terne-plate, which offers a perfect bond for paint.

THE FLOATING ROLLER



A special feature of Rolcreens is the patented "floating" roller (5). As the screen lowers and the roll of screen cloth grows smaller, the entire roller assembly automatically moves forward. The screen wire cannot drag on the lower edge of the housing and cannot wear out.

SCREEN CLOTH

The screen cloth (7) is double-lifted, rust-proofed, triple selvaged Alumina, especially woven and processed for Rolcreens. It is a clean grey color and almost invisible. It has great tensile strength, it is rigid and is built up of materials that are guaranteed not to break or crack under continuous flexing. The mesh is perfect, sixteen strands to the inch. This is an ideal weave. It keeps out the smallest insects, yet allows maximum visibility and ventilation.

METAL PARTS

The metal parts of Rolcreens are manufactured from lead coated terne-plate. This metal provides a perfect surface for paint, for Rolcreens are usually to be painted after they are installed so as to harmonize with surrounding trim. If the screens are not to be immediately painted, they can be prime coated at the factory for a very small charge. Or they can be completely finished in fine enamel at a nominal cost.

LATCHES

When lowered, Rolcreens are automatically locked on the window sill by positive latches (9) which are perfectly adjustable and can be unlocked only from the inside. No attachments to mar beautiful sills.

Mechanical Features

1. Rolscreen guide—Laterally adjustable, paint proof slide channel.
2. Rolscreen lug in edge of screen cloth.
3. Rolscreen automatic re-entry feature.
4. Rolscreen roller assembly.
5. Rolscreen floating roller.
6. Rolscreen recessed housing and welded construction.
7. Rolscreen practically invisible cloth.
8. Friction block (frictionally controlled operation).
9. Automatic fully adjustable latch.

ROLSCREEN INSTALLATION

On new work simple preparation can be made so that the window frame will receive the Rolscreen assembly substantially as shown. If desired a pocket can be left in the head of the window into which the housing is inserted so that it is practically concealed.

On old work, the screen housing can be set across the head of the window and the guides can be installed between wood moulds. Or the entire Rolscreen assembly can be mounted by friction angles as shown on the opposite page. This installation is neat and satisfactory and not at all objectionable because the top and the sides of the window are usually concealed by shades and drapes.